

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

e Application of:

Blake R. Pepinsky et al.

Examiner:

Not Yet Assigned

Application No:

10/802,540

Art Unit:

1646

Filed:

March 16, 2004

Confirmation No.:

4023

For:

POLYMER CONJUGATES OF

INTERFERON BETA-1A AND USES

Attorney Docket No. BII-008.02

CERTIFICATE OF FIRST CLASS MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on April 21, 2005.

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)(3)

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § § 1.56 and 1.97 (b)(3), Applicants submit herewith a Form PTO-1449 including a list of references. Pursuant to 37 C.F.R. § 1.98 (2)(i), Applicants have not enclosed copies of the cited U.S. patents and publications.

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached Form 1449.

This submission does not represent that a search has been made or that no better art exists. Nor does it constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents. Applicants further

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reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents should one or more of the documents be applied in any way against the claims of the present application.

This Information Disclosure Statement is being submitted before a first Office Action on the merits, therefore no fee is believed to be due with the filing of this disclosure. However, the Commissioner is authorized to credit any overpayment or charge any deficiencies to/from our Deposit Account, No. 06-1448, Reference BII-008.02.

Respectfully submitted,

Bv

Isabelle M. Clauss, Ph.D.

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Attorney for Applicants

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Facsimile: (617) 832-7000 Customer ID No. 25181 Dated: April 21, 2005

PTO/SB/08a (08-03) Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449A/PTO				Complete if Known			
				Application Number	10/802,540		
INF	ORMATION	DIS	CLOSURE	Filing Date	March 16, 2004		
STA	TEMENT B	ΥΑ	PPLICANT	First Named Inventor	Pepinsky et al.		
				Art Unit	1646		
	(Use as many she	ets as	necessary)	Examiner Name	Not yet known		
Sheet	1	of	2	Attorney Docket Number	BII-008.02		

PATENTS STATES

	U.S. PATENT DOCUMENTS							
Examiner Initials *	Cite No.1	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
	AY	US- 4,414,147	11/08/83	Klibanov et al.				
	AZ	US- 4,766,106	08/23/88	Katre et al.				
	A1	US- 5,545,723	08/13/96	Goelz et al.				
	A2	US- 5,643,575	07/01/97	Martinez et al.				
	A3	US- 5,672,662	09/30/97	Harris et al.				
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FOREIGN PATENT DOCUMENTS								
Examiner	Cite	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or	Pages, Columns, Lines,			
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (<i>if known</i>)		Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T⁵		
	во	EP 0 098 110	10/18/89	Europe				
•	BP	EP 0 401 384	03/13/96	Europe				
	BQ	EP 0 822 199	02/04/98	Europe				
	BR	WO 94/05332	03/17/94	PCT				
	BS	WO 95/21629	08/17/95	PCT				
	ВТ	WO 98/32466	07/30/98	PCT				
	BU	WO 99/03887	01/28/99	PCT				
	-							

Examiner Signature	Date Considered	

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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	Substitute	e for form 144	9B/PTO			Complete if Known	
		DILAT		001 001105	Application Number	10/802,540	
				SCLOSURE	Filing Date	March 16, 2004	
	STATEMENT BY APPLICANT				First Named Inventor	Pepinsky et al.	
					Art Unit	1646	
(Use as many sheets as necessary)				as necessary)	Examiner Name	Not yet known	
	Sheet	2	of	2	Attorney Docket Number	BII-008.02	

	,	NON PATENT LITERATURE DOCUMENTS	,			
Examiner Cite No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
	C1	• Delgado et al., "The Uses and Properties of PEG-Linked Proteins," Critical Reviews in Therapeutic Drug Carrier Systems, 9(3,4):249-304 (1992)				
	C2	Goodson et al., "Site-Directed Pegylation of Recombinant Interleukin-2 at its Glycosylation Site," Biotechnology, 8:343-346 (1990)				
	СЗ	Harris et al., "New Polyethylene Glycols for Biomedical Applications," American Chemical Society, Ch. 27, pp. 418-429 (1991)				
	C4	Morpurgo et al., "Preparation and Characterization of Poly(ethylene glycol) Vinyl Sulfone," Bioconjugate Chem., 7:363-368 (1996)				
	C5	Zalipsky et al., "Use of Funtionalized Poly(Ethylene Glycol)s for Modification of Polypeptides," Poly(Ethylene Glycol) Chemistry: Biotechnical and Biomedical Applications, Ch. 21:347-367 (1992)				

		
Examiner	Date	
Signature	Considered	

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